| Index of Claims |                   |          |          |                |                 |                 |          |          |                            |            |           | Application No. |            |                |                   |              |           |          |          |          |          | Applicant(s)      |                  |      |           |         |          |                  |          |    |             |          |
|-----------------|-------------------|----------|----------|----------------|-----------------|-----------------|----------|----------|----------------------------|------------|-----------|-----------------|------------|----------------|-------------------|--------------|-----------|----------|----------|----------|----------|-------------------|------------------|------|-----------|---------|----------|------------------|----------|----|-------------|----------|
|                 |                   |          |          |                |                 |                 |          |          |                            |            |           |                 | 10/055,142 |                |                   |              |           |          |          |          |          |                   | BLAESSING ET AL. |      |           |         |          |                  |          | .  |             |          |
|                 |                   |          |          |                | Ш               |                 |          |          | Ш                          |            |           |                 |            |                | Examiner          |              |           |          |          |          |          |                   |                  |      | Art Unit  |         |          |                  |          |    |             | 1 .      |
|                 |                   |          |          |                | Ш               |                 |          |          |                            |            |           |                 |            |                | Mariaeli Cantin   |              |           |          |          |          |          |                   |                  | ۱    |           |         |          | -                |          |    |             |          |
|                 |                   |          | _        |                |                 |                 |          |          |                            |            |           |                 |            | i              | Mariceli Santiago |              |           |          |          |          |          |                   |                  |      | 79        |         |          | ᆚ                |          | ·. | <del></del> | 4        |
|                 |                   |          | 7        |                | _               | _               | 1        | Γ        | T                          | /1         | -<br>Thro | uch:            | n          |                |                   | ٦            | Γ         | 7        |          |          |          |                   |                  |      |           |         |          | 7                |          |    | •           |          |
|                 |                   |          |          | Rejected       |                 | -               | -        | . ,      | Through numer<br>Cancelled |            |           |                 | **         |                | N                 | Non-Elect    |           |          | ecte     | ed       | A        | Appeal            |                  |      |           |         |          | •                | ļ        |    |             |          |
|                 |                   |          |          |                |                 |                 |          | T        |                            |            |           |                 | _          |                | $\vdash$          | <del> </del> |           |          | _        | $\dashv$ | H        |                   |                  |      | ┨         |         |          |                  | ł        |    |             |          |
|                 |                   |          | =        | = Allowed      |                 | 1               | 1        |          | R                          | Restricted |           | d               |            |                | 11                | I Interferen |           |          | enc      | ce       | 0        | Objected          |                  |      |           |         |          |                  |          |    |             |          |
|                 |                   |          |          |                |                 |                 | <u>_</u> |          | <del></del>                |            |           |                 |            |                | <u> </u>          |              |           |          |          | ليا      | L        |                   |                  |      | j         |         |          |                  |          |    |             |          |
|                 | CI                | Claim    |          | Date           |                 |                 |          | <u>.</u> | Т                          | -          | Claim     |                 | $\vdash$   | <del>-</del>   |                   |              | te        |          |          |          | F        | Claim             | Ę                | Date |           |         |          |                  | ]        |    |             | ·        |
|                 | Final             | Original | ğ        |                |                 |                 |          |          |                            | 1.         | -         | 2               | П          |                |                   |              | İ         |          |          |          |          | <u> </u>          |                  |      |           |         |          | П                |          |    |             |          |
|                 | 虚                 | 18       | 525      | ŀ              |                 |                 |          |          |                            |            | Final     | Original        |            |                | - 1               |              |           |          |          | 1        | 1        | Final<br>Original |                  |      |           |         | -        | .                |          |    |             |          |
|                 | $\vdash$          | 1        | 1        | +              | +               | +               | -        | ┿        | ╀                          | -          | <u> </u>  | 51              | .          |                | 4                 | - -          | L         | 11       | 4        | 4.       | . L      | 1                 | $\perp$          |      |           |         | Ŀ        | Ш                | ╛        |    |             | 1        |
| •               |                   | 2        | -        | _              | ╅               | +               |          | ╁        | +                          | 1          | $\vdash$  | 52              | Н          | +              | +                 | ╫            | ╁         | H        | +        | 1        | -        | 101               | +                | +    | +         | -       | +        | <del>     </del> | 4        |    |             |          |
|                 |                   | 3        | =        | $\Box$         | I               |                 |          |          |                            | 1          |           | 53              |            | コ              | 士                 | 1            | 十         | Н        | 1        | $\dashv$ | 上        | 103               |                  | +    | Н         | +       | +        | ╆┪               | ┥        |    |             |          |
|                 |                   | 5        | 7        | +              | +               | ╁┤              | -        | ╀        | +                          | ļ.         | <u> </u>  | 54<br>55        | $\square$  | 4              | 4                 | $\bot$       | L         | П        | $\Box$   | 7.       | Ę        | 104               | $\Pi$            |      |           |         |          |                  | ゴ        |    |             | O        |
|                 | -                 | 6        | =        | +              | +               | H               | +        | ╁        | +                          | 1          | -         | 56              | Н          | $\dashv$       | +                 | ╁            | ╀         | H        | $\dashv$ | -        | -        | 105<br>106        |                  | +    | +         | -       | ╄.       | Н                | 4        | ٠. |             | BEST     |
|                 |                   | 1        | 7        | $\blacksquare$ | I               |                 |          |          | L                          | 1          |           | 57              |            |                | 1                 | $\pm$        |           |          | 十        | 1        | 1        | 107               |                  | 十    | Н         | +       | +-       | Н                | $\dashv$ |    |             |          |
|                 | <b>—</b>          | 8        | X        | +              | ┿               | +               | -        | 4        | ↓_                         | ١.         | <u>L</u>  | 58              | П          | $\Box$         | $\perp$           |              |           |          |          | ]        |          | 108               | 100              | 1    |           | -:      |          |                  | ╛.       |    |             | 13       |
|                 | 1                 | 10.      | ठी       | +              | +               | ╁┤              | +        | ╁        | ╂                          | 1          | ├─        | 59<br>60        | Н          | $\dashv$       | ┿                 | +            | ╀╌        | H        | +        | ۲.       | -        | 109               |                  | +    | $\sqcup$  |         |          |                  | 7        |    |             |          |
|                 |                   | 1        | 1        |                |                 |                 |          | 1.       |                            | 1          |           | 61              | H          | +              | +                 | $\top$       | ╁         | H        | +        | ۲.       | $\vdash$ | 111               | +                | ╫    | Н         | ╧┼      | ╁        | H                | $\dashv$ |    |             |          |
|                 | <u> </u>          | 12       | Y        | +              | 1               | +               | 4        | $\perp$  | $\vdash$                   | ]          |           | 62              | П          | $\Box$         | 1                 | I            |           | П        |          | ].       |          | 112               |                  | 土    |           | $\perp$ |          |                  | _        |    |             |          |
|                 |                   | 14       | Ĭ        | +              | +               | Н               | +        | +        | ╁                          | ſ. :       |           | 63<br>64        |            | +              | ┿                 | ┿            | ╄         | ╀╌┤      | +        | 4        | $\perp$  | 113               | Н                | +    | $\sqcup$  | 4       | $\Box$   | П                |          |    |             | ngitt 20 |
|                 |                   | 15       | ✓        |                | 工               |                 | 土        |          | Ė                          |            |           | 65              |            | $\top$         | +                 | +            | -         | H        | +        | $\dashv$ | +        | 115               | -                | +    | H         | +       | +        | H                | -        |    | :           | 70       |
|                 | $\vdash$          | 16<br>17 | <u>۷</u> | +              | ╀               | $\prod$         |          | $\bot$   | Ļ                          |            |           | 66              |            |                | Ţ                 | Ţ            |           | П        | $\perp$  | ]        |          | 116               |                  |      |           |         | İ        |                  | _        |    | (           |          |
|                 | $\vdash$          | 18       | 뷝        | +              | ╫               | 1.1             | ╅        | +        | <del>  -</del>             |            |           | 67<br>68        | H          | +              | +                 | ╀            | -         | $\vdash$ | +        | ╣.       | $\vdash$ | 117<br>118        | ++               |      | П         | 4       | $\bot$   |                  | 7        |    | Ë           | 77       |
|                 |                   | (19      | Y<br>N   | 上              |                 |                 |          |          |                            |            |           | 69              | H          | 1              | ╁                 | 1            |           | H        | +        | ╣        | +        | 119               | +                | ┿    | ╁┤        | +       | +-       | ┥                | ┥        | •  | _           |          |
|                 | $\vdash$          |          | =        | +              | ╀               | $\vdash \vdash$ | +        | 1        | -                          |            |           | 70              |            | $\blacksquare$ | I                 | I            |           | П        |          | ].       |          | 120               |                  |      | $\Box$    | 士       |          |                  | <u> </u> |    | €           |          |
| •               | <del>चि</del>     | 22       |          | +              | +               | Н               | ┿        | ╁        |                            |            |           | 71<br>72        | $\vdash$   | +              | ╬                 | ╀            | Н         | $\vdash$ | +        | ┨.       | $\vdash$ | 121               | Н                | 4    |           |         | $\Box$   | $\dashv$         | ╗ .      |    | (           |          |
| -               |                   | 23       |          | 工              |                 |                 |          | 上        |                            |            |           | 73              |            |                |                   | 1            | Н         | $\vdash$ | +        | ╣,       | -        | 122<br>123        | ╁                | +    | $\vdash$  | ┽       | ╅╌       | +                | -        |    | C.163       |          |
|                 | $\vdash$          | 24<br>25 | -+       | +              | +-              | <del>   </del>  |          | ╀╌       | Н                          |            |           | 74              |            | 1              | $\bot$            | $\perp$      |           | П        | $\perp$  |          |          | 124               |                  |      |           | 工       |          |                  | 1        |    |             | -        |
| •               |                   | 26       | +        | ┿              | +-              | H               | +        | ╁        |                            |            |           | 75<br>76        | $\dashv$   | +              | ╀                 | ╁            | Н         | -        | +        | ٩,       | $\vdash$ | 125<br>126        | H                | +    | $\vdash$  | +       | Н        | $\perp$          | 7        |    |             |          |
|                 |                   | 27       | I        | I              |                 |                 |          | 工        |                            |            |           | 77              |            |                | 1                 | †            | Н         |          | $\top$   | †        | $\vdash$ | 127               | $\vdash$         | ╫    | Н         | +       | H        | -                | -        |    | ٠           |          |
|                 | ├┤                | 28<br>29 | +        | ╁              | +-              | $\vdash$        | +        | $\perp$  | $\vdash$                   |            |           | 78              | 4          | $\bot$         | Ţ                 |              |           | $\Box$   | 1        | ]        |          | 128               |                  |      |           |         |          | 士                |          |    |             |          |
|                 |                   | 30       | ┪.       | 1.             |                 |                 | +        | +        | Н                          |            | $\neg$    | 79<br>80        | +          | +              | ╁                 | ╁            | Н         |          | +        | -        | $\vdash$ | 129<br>130        | ╁┼               | +    | $\vdash$  | +       | ╀┤       | 4                | 4        |    |             |          |
|                 |                   | 31       | Ţ        | T              |                 |                 |          |          |                            |            |           | 81              | ゴ          | 土              | 土                 |              |           |          | $\pm$    | †        |          | 131               | $\vdash$         | +    | H         | +       | ╁┤       | +                | ۱        |    | i           |          |
|                 | $\vdash$          | 32       | +        | +-             | $\vdash$        | $\vdash$        | +        | +        | ļ.                         |            |           | 82 83           | 4          | +              | 4                 | 4            |           |          | $\perp$  | 4 .      | $\Box$   | 132               |                  |      |           |         | -        |                  |          |    |             |          |
|                 |                   | 34       | 1        | +              | 1               | $\vdash$        | +        | +-       |                            |            |           | 84              | $\dashv$   | +              | ╁                 | $\vdash$     |           | +        | ╀        | ┨╴       | $\vdash$ | 133               | ⊢                |      | $\vdash$  | - -     | -        | +                | ┩.       |    |             |          |
|                 |                   | 35       | T        | T              |                 |                 | 工        |          |                            |            |           | 85              |            |                | İ                 |              |           | 1        | 1        | 1        |          | 135               |                  | +    | Н         | ╅       | H        | ╁                | -        |    |             |          |
| •               | $\longrightarrow$ | 36       | +        | +              | H               | H               | ┿-       | $\vdash$ | Щ                          |            |           | 86              | ٠,         | T              | L                 |              | $\Box$    | $\Box$   | T        | ]        |          | 136               |                  |      |           | 土       | П        |                  | 1        |    |             |          |
|                 |                   | 38       | +        | ╅              | Н               | H               | ┿        | 1        | $\dashv$                   |            | $\dashv$  | 87<br>88        | $\dashv$   | ╅              | ╁                 | $\vdash$     | $\dashv$  | +        | ┿        | ┨ .      | $\vdash$ | 137<br>138        |                  | 4    | -         | 4       | Н        | 4                | 4        |    |             |          |
|                 |                   | 39       | I        | I              |                 |                 |          | $\Box$   |                            | t          |           | 89              | 士          | 士              | İ                 | H            | _         | _        | 1        | 1        |          | 139               | +                | +    | $\dashv$  | +       | H        | +                | -        |    | į           |          |
|                 |                   | 40       | +        | ╀              | Н               | $\vdash \vdash$ | +        | $\sqcup$ | 4                          | . [        | -         | 90              | Ţ          | Ţ              | F                 |              | $\Box$    | $\bot$   | T        | ]        |          | 140               |                  |      |           | 工       | 口        | 土                | 1        |    | Î           |          |
|                 |                   | 42       | +        | +              | H               | +               | +-       | ╁╌┨      | ┪                          | 1          | $\dashv$  | 91<br>92        | +          | +              | ╁                 | Н            | +         | - -      | +-       |          | -        | 141               |                  | +    |           | +       | Į-Ū      | 4                | 1        |    |             |          |
|                 |                   | 43       | 1        | I              |                 | 工               | I        | 口        |                            | 1          |           | 93              | <u>:</u>   |                |                   |              | $\dashv$  | _        | ╅        | 1        | $\vdash$ | 143               | +                | ╁┤   | ╁         | ┿       | $\vdash$ | +                | ┥        |    | ı           |          |
|                 |                   | 44       | +        | +              | $\vdash \vdash$ | $\dashv$        | -        | $\Box$   | 4                          | ſ          | 耳         | 94              | $\mp$      | T              | Γ                 | П            | $\exists$ | 1        | 1        | 1        |          | 144               | 工                |      | 士         | 上       | 口        | 土                | 1        |    | . [         |          |
|                 |                   | 46       | +        | 1              | Н               | +               | +        | H        | $\dashv$                   | H          |           | 95<br>96        | +          | +              | ╁                 | ┥            | $\dashv$  | +        | +        |          | <u> </u> | 145<br>146        | +                | +-1  | $-\Gamma$ | +       | П        | $\perp$          | 4        |    |             |          |
| •               |                   | 47       | I        | Ţ.,            | 口               | $\bot$          | 工        | 口        | ゴ                          | t          |           | 97              | 土          | İ              | L                 | H            | _         |          | 士        | 1        |          | 147               | +                | ╫    | +         | +       | H        | +                | 1        |    |             |          |
|                 |                   | 401      |          |                |                 |                 |          |          |                            |            |           | ~ -             |            | _              | _                 |              | _         |          | _        |          | _        |                   |                  |      |           |         |          |                  |          |    |             |          |